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event and monitor and "command buffer"

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Articles and patents

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Results 1 - 100 of about 489. (0.20 sec)

Measuring VAX 8800 performance with a histogram hardware monitor202.38.79.74 [PDF]

DW Clark, PJ Bannon, JB Keller - Proceedings of the 15th Annual ..., 1988 - portal.acm.org

... After describing the 8800 processor and the hardware monitor in Section 2, we present in Section 3 our measurements of architectural events such as the VAX instruction execution frequency. Then in Section 4 we give results on ...

[Cited by 51](#) - [Related articles](#) - [All 6 versions](#)[PDF] Networks of decision-making and communicating agents: A new ...dtic.mil [PDF]

GM Levchuk, KR Pattipati, F Yu, Y Levchuk - 2005 - dtic.mil

... received info/command buffer capacity Figure 3.1. Agent-flow model C. Organizational Agents

An organization is represented as a network of M nodes, termed agents, with decision-making capabilities. Agents accomplish the following tasks: • monitor the events, and receive ...

[Cited by 15](#) - [Related articles](#) - [View as HTML](#) - [All 12 versions](#)Remote controlling method a network server remote controlled by a terminal and a ...

H Muta - US Patent 6,286,003, 2001 - Google Patents

... 2001 Sheet 12 of 16 US 6,286,003 B1 CD CD o> in T— CD LL O) f- Store drawing mmand in drawii  
command buffer Receive drawing ... Event.MOUSE\_DRAG Event.MOUSEJJP 301 V event .x event  
.x event .x event .x event .y event .y event .y event .y Event monitor Move mouse ...[Cited by 6](#) - [Related articles](#) - [All 2 versions](#)... digital robot control having a backup velocity monitor and protection system

EM Onaga, RJ Casler Jr - US Patent 4,807,153, 1989 - Google Patents

... For safety and property protection reasons, it is thus desirable to provide a backup mechanism for monitor- ing the velocity feedback system in a robot control and providing protective action in the event a failure is detected. The ...

[Cited by 13](#) - [Related articles](#) - [All 2 versions](#)Video normalizer for a display monitor

GA Ellis, DM Smith - US Patent 5,325,195, 1994 - Google Patents

... [11] Patent Number: [45] Date of Patent: 5,325,195 Jun. 28, 1994 [54] VIDEO NORMALIZER FOR  
A DISPLAY MONITOR [75] Inventors: George A. Ellis, Oakland; David M. Smith, Saratoga, both  
of Calif. [73] Assignee: RasterOps Corporation, Santa Clara, Calif. [21] Appl. ...

[Cited by 8](#) - [Related articles](#) - [All 2 versions](#)

[\[PDF\] An infrared network for mobile computers](#)

[psu.edu \[PDF\]](#)

N Adams, R Gold, BN Schilit, MM Tso, R ... - ... USENIX Symposium on ..., 1993 - Citeseer  
... To monitor the behavior and performance of the system we use three sources of information. ... The  
tab will process a list of functions contained in a **command buffer** in order until all of them have  
been executed or an error occurs. Page 8 ... 5.6 ms Figure 6: Unix Process **Event Trace** ...

[Cited by 78](#) - [Related articles](#) - [View as HTML](#) - [All 30 versions](#)

[Peripheral data acquisition, monitor, and control device for a personal computer](#)

DA Wilson, MS Williamsen - US Patent 5,220,522, 1993 - Google Patents  
... 15,1993 [75] PERIPHERAL DATA ACQUISITION, **MONITOR**, AND CONTROL DEVICE  
FOR A PERSONAL COMPUTER Inventors: Dennis A. Wilson, Wauconda Township,  
Lake County; Mark S. Williamsen, Harwood Heights, both of Ill. ...

[Cited by 11](#) - [Related articles](#) - [All 2 versions](#)

[On-line process flow and reaction monitor](#)

CA Keenan, PJ Coassin, DB Hephrey, R ... - US Patent ..., 1995 - Google Patents  
... 5,1995 [54] ON-LINE PROCESS FLOW AND REACTION **MONITOR** [75] Inventors: Charles  
A. Keenan, Irvine; Peter J. Coassin, San Juan Capistrano; David B. Hephrey, Santa Ana;  
Roger Winer, Playa Del Rey; Jiunn-Jye Dih, Yorba Linda, all of Calif. ...

[Cited by 3](#) - [Related articles](#) - [All 6 versions](#)

[Digital video disc decoder including command buffer and command status pointers](#)

PD Adolph, M Molcho, JR Wild - US Patent 6,370,323, 2002 - Google Patents  
... The command proces- sor includes a transfer mechanism for transferring com- mands received  
at a **command buffer** in the memory to a command FIFO in the memory and a status monitor for  
tracking an execution status of each command stored in the command FIFO and for ...

[Cited by 2](#) - [Related articles](#) - [All 2 versions](#)

[Laser gyro microprocessor start up control method and apparatus](#)

JE Killpatrick, KR Fritze, DF Berndt - US Patent 5,363,194, 1994 - Google Patents  
... 201 PTS PERIPHERAL TRANSASTIC SERVER HARDWARE IN MICRO-CONTROLLER LOAD  
**COMMAND BUFFER** 822 UART INTERRUPT COMMAND SETS A BUFFER FULL FLAG 826  
392 824 832 CHECK **COMMAND BUFFER** FULL 828 **MONITOR** CONTROL LOOP ...

[Cited by 3](#) - [Related articles](#) - [All 6 versions](#)

[Portable battery operated power managed event recorder and interrogator system](#)

JE Zufelt, CH Clark, HH Harjes Jr - US Patent 5,835,025, 1998 - Google Patents  
... The switch is normally in the recorder can monitor an event's time and date of :i) a flood closed  
position providing a complete circuit when connected wave passage down a river, ii) a progression  
of a river ice to a source, eg a simple wire attached to a high impedance breakup ...

[Cited by 2](#) - [Related articles](#) - [All 2 versions](#)

[\[PDF\] Prototype Real-Time Monitor: Design](#)

[psu.edu](#) [PDF]

R Van Scoy, R D'Ippolito, K Lee, C Plinta, M Rissman - 1987 - Citeseer

Page 1. Technical Report CMU/SEI-87-TR-038 ESD-TR-87-201 Prototype Real-Time Monitor:

Design ... November 1987 Page 2. Technical Report CMU/SEI-87-TR-38 ESD-TR-87-201 November

1987 Prototype Real-Time Monitor: Design Roger Van Scoy Charles Plinta ...

[Cited by 2](#) - [Related articles](#) - [View as HTML](#) - [All 9 versions](#)

[Individual telephone line call event buffering system](#)

SP Lamons, JD Emmel, F Parrish - US Patent 5,666,397, 1997 - Google Patents

... The information about the call detector, line hold circuitry, line, audio monitor circuitry with includes,

but ... This approach avoids any loss of call event data during the downloading operation ... If the

download is successful, a buffer disable command (buffer enable=no) is sent to micro ...

[Cited by 1](#) - [Related articles](#) - [All 2 versions](#)

[\[PDF\] A client/server approach to open-architecture, behavior-based robot ...](#)

[nps.edu](#) [PDF]

W Newman, A Covitch, R May - ..., 2006. SMC-IT 2006. Second IEEE ..., 2006 - domex.nps.edu

... Note that the schema server is never a complete slave to its client. Although normal

sensory events may point to the command buffer for new schemas, the schema server

also continues to monitor its safety and progress conditions. ...

[Cited by 2](#) - [Related articles](#) - [View as HTML](#) - [All 4 versions](#)

[\[CITATION\] t. SWITCHED-MEMORY MULTIMICROPROCESSOR SYSTEM](#)

JJ Shieh, MI Lu - Proceedings of the Hawaii International ..., 1985 - Western Periodicals Co.

[Related articles](#)

[Processing real-time command information](#)

AE Gruber, SL Morein - US Patent App. 10/791,519, 2004 - Google Patents

... [0028] The command processor 170 processes the system commands from the system command

buffer 167. As the system commands are provided to the command processor 170 via the bus

168, the real-time event engines 172 and 174 monitor event signals 184a-184 ...

[All 2 versions](#)

[\[CITATION\] A NEW LANGUAGE FEATURE FOR CONCURRENT PROGRAMMING](#)

Z Chang-lin, Z Gang - International Symposium on ..., 1985 - IEEE Computer Society Press

[Related articles](#)

[\[PDF\] An Online Robot Educational Project](#)

[nd.edu](#) [PDF]

GT McKee, AJ Gatward, DI Baker - med.ee.nd.edu

... buffer. The natural approach to cope with these events is to have the server intercept them.

However, it is also important on these occasions to inform the student that something is wrong

with the code and where the fault may lie. Thus it was found very useful to monitor the ...

[Related articles](#) - [View as HTML](#) - [All 2 versions](#)

### Remote controlling method and apparatus

H Muta - 1998 - freepatentsonline.com

... The event analyser 315 is thereafter deactivated (block 539). ... The drawing command monitor 323, which is located between the Graphics engine 321 and the display driver 325 ... The drawing command is stored in a drawing command buffer 327 in the slave server 240 (block 565 ...

[Related articles](#) - [All 2 versions](#)

### Method and system for deferred command issuing in a computer system

G Zhang - US Patent App. 11/581,975, 2006 - Google Patents

... in the buffer, assign event-tags when synchronizations with other commands are needed, issue the commands and monitor the return of the event-tags, all ... The command buffer 230 can be just a memory space in a main memory 290 or another memory located anywhere ...

[All 2 versions](#)

### Light output correction of a display monitor

GA Ellis, DM Smith - 1992 - freepatentsonline.com

... communications manager identifies a pending input, and places the input string into the command buffer. ... The event looks at the host 10 data register for an event command ... The application software supports the monitor calibration activities and basic reflection, transmission and ...

[All 3 versions](#)

### Programmable priority and selective blocking in a compute system

PW Gallagher - US Patent 5,311,461, 1994 - Google Patents

... Once it is resolved, the monitor 55 register is reset and the command is allowed to re-enter priority. ... change the order of priority, and also provides a method for selectively blocking out requests which have already been cleared where contention, error, or other events create a ...

[Cited by 3](#) - [Related articles](#) - [All 4 versions](#)

### Static analysis and dynamic steering of time-dependent systems

E Vicario - IEEE transactions on software engineering, 2001 - doi.ieeecomputersociety.org

... During runtime, a steering monitor behaving as runtime dispatcher tracks the evolution of the system through a compact representation of the ... between any two events of the trace and support the analysis of implicit dependencies among transition sequencing and event timing. ...

[Cited by 51](#) - [Related articles](#) - [BL Direct](#) - [All 10 versions](#)

### SCSI disk drive power down apparatus

BV Belmont - US Patent 5,535,400, 1996 - Google Patents

... In typical power down schemes, the system BIOS provides complete control over most of the system assets, including the monitor or display, disk drives including floppy and Integrated Drive Electronics (IDE) hard disk drives, the input/output (I/O) devices, the system clock and ...

[Cited by 20](#) - [Related articles](#) - [All 5 versions](#)

... drive system controller architecture utilizing embedded real-time diagnostic monitor

JP Squires, TA Fiers, LJ Shrinkle... - US Patent 4,979,055, 1990 - Google Patents

... [45] Date of Patent: Dec. 18, 1990 [54] DISK DRIVE SYSTEM CONTROLLER ARCHITECTURE UTILIZING EMBEDDED REAL-TIME DIAGNOSTIC MONITOR [75] Inventors: John P. Squires, Jamestown; Thomas A. Fiers, Longmont; Louis J. Shrinkle, Boulder, all of Colo. ...

[Cited by 32](#) - [Related articles](#) - [All 2 versions](#)

Method and system for efficient context switching in a computer graphics system

CP Gossett... - US Patent 6,208,361, 2001 - Google Patents

... Consequently, in the event of a above> the **command buffer** (eg, **command buffer 102**) context switch, instructions N through N+i ... pipeline 100 is in step 505, the graphics commands of the command data coupled to **monitor 115**. ... stream are issued from the **command buffer** to the ...

[Cited by 9](#) - [Related articles](#) - [All 2 versions](#)

Parsing graphics data structure into command and data queues

N Nookala, P Venkatapuram - US Patent 6,323,867, 2001 - Google Patents

... STEP 810) GENERATE DM FIFO READ REQUEST YES (STEP 815) DM FIFO EMPTY COMMAND DAT INVOLVED COMMAND **MONITOR** DWORDS TRANSFER ... The structure header contained in the **command buffer** includes at least a count field to indicate the number of data ...

[Cited by 1](#) - [Related articles](#) - [All 2 versions](#)

[PDF] An interface between continuous and discrete-event controllers for vehicle ...

[psu.edu \[PDF\]](#)

J Lygeros, DN Godbole - IEEE Transactions on Vehicular Technology, 1997 - Citeseer

... In the design proposed in 1) these issues are addressed by a hierarchical structure consisting of both discrete event and continuous controllers. ... Finally, a controller is needed to monitor the conditions of the entire highway and decide on a long term strategy aimed at maximizing ...

[Cited by 28](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 13 versions](#)

Fault tolerant command processing

WC Carlson, MJ Meadows, MB Greco - US Patent 5,544,304, 1996 - Google Patents

... In the event the active unit fails, the standby unit is automatically brought on-line to ... It will be appreciated that once a command is received in the active **command buffer 122**, another ... an inventory manager 432 and an auto-clean function 434 (to initiate and **monitor** drive cleaning ...

[Cited by 4](#) - [Related articles](#) - [All 2 versions](#)

Acoustic pool monitor with sequentially actuated multiple transducers

F Zerangue - US Patent 5,369,623, 1994 - Google Patents

... This air pressure fluctuation is detected by a **ACOUSTIC POOL MONITOR** WITH piezoelectric device, converted to an electrical signal, **SEQUENTIALLY** ... In with the active faces thereof oriented to transmit acoustic energy 15 the event a reflected echo (or preferably echoes) for a tic energy ...

[Cited by 5](#) - [Related articles](#) - [All 2 versions](#)

[\[PDF\] SETI data controllers](#)

[nasa.gov](#) [PDF]

RM Gosline - Telecommunications and Data Acquisition Progress ..., 1987 - [tmo.jpl.nasa.gov](#)  
... 3 (located at JPL) is used for playback of data and recording of sequence- of-events (SOE) files ...  
**Command buffer** commands are pro- cessed immediately if not preceded by a time parameter ...  
A serial port module has been added to DR-1 to allow use of a monitor terminal, modem ...  
[All 5 versions](#)

[Computer controlled positive displacement pump for physiological flow simulation](#)

D Holdsworth, DW Rickey, M Dranova, J Miller, ... - US Patent ..., 1994 - Google Patents  
... ROTATION, With CAUSES THE PUMP PISTON TO MOVE TOWARD THE LEFT LIMIT SWITCH  
67- **MONITOR** MICRO-STEPPING ... USER ABORTS SEND COMMAND TO MICRO-STEPPING  
CONTROLLER TO HALT MOTOR ROTATION & CLEAR **COMMAND BUFFER** FIG. Ab ...  
[Cited by 56](#) - [Related articles](#) - [All 7 versions](#)

[System and method for replication of one or more databases](#)

Y Wang, Y Wang, D Kendler - US Patent 7,155,463, 2006 - Google Patents  
... 8 Page 10. US Patent Dec. 26, 2006 Sheet 9 of 17 US 7,155,463 B1 405 DEFINE  
TRIGGERS AND EVENTS 430 **MONITOR** REPLICATION-432 Page 11. US Patent US  
7,155,463 B1 Dec. 26, 2006 Sheet 10 of 17 Page 12. US Patent Dec. ...  
[Related articles](#) - [All 2 versions](#)

[Graphics controller utilizing video memory to provide macro command capability ...](#)

RA Shipp, S Hecht, PA Harkin - US Patent 5,796,413, 1998 - Google Patents  
... mand sequences for later or repeated use ("macros"). A command FIFO controller  
is provided, along with an on-chip bus FIFO and an on-chip **command buffer** (which  
is also a FIFO). Several multiplexers are also provided, so as ...  
[Cited by 18](#) - [Related articles](#) - [All 2 versions](#)

[Method and arrangement for the controlling of the operating process in data ...](#)

H Stadlmeier, W Strutyński - US Patent 4,653,018, 1987 - Google Patents  
... Errors encompass, among other things, parity errors in the processing unit VE, in the access unit  
ZE, in the **command buffer**, in the ... Also, the **monitor**-ing device UE in FIG. 1 is activated at this  
time in order to check whether an **event** has occurred which inter- rupts the normal flow ...  
[Cited by 3](#) - [Related articles](#) - [All 2 versions](#)

[\[PDF\] TMS320C621x/TMS320C671x EDMA Architecture](#)

[digchip.com](#) [PDF]

J Bowen, J Ward - application-notes.digchip.com  
... For more information on the EDMA **event** selection register consult the TMS320C6000 EDMA  
Controller Reference Guide (SPRU234). ... The queue registers **monitor** the actual data transfer,  
which occurs between peripheral ports that are connected to the ... Data in **command buffer** ...

[Related articles - View as HTML - All 4 versions](#)

Overriding programmable priority and selective blocking in a computer system

PW Gallagher - US Patent 5,203,007, 1993 - Google Patents

... Page 8, 5,203,007 where contention, error, or other **events** create a need **OVERRIDING** PROGRAMMABLE PRIORITY to override the priority. ... This bit is An additional object is to provide **monitor** registers needed only for a three or four-source pod. ...

[Cited by 4 - Related articles - All 2 versions](#)

Tapper: a lightweight scripting engine for highly constrained wireless sensor nodes

[psu.edu](#) [PDF]

Q Xie, J Liu, PH Chou - ... of the 5th international conference on ..., 2006 - portal.acm.org

... It supports an **event-driven** programming model with low runtime overhead. ... 3.3 Scheduling Services The **command-buffer** manager stores a script as a list of com- mands in a ... mm 3 in volume and weighing under 1.6 grams, Eco was initially designed to **monitor** the spontaneous ...

[Cited by 4 - Related articles - All 7 versions](#)

A computer-controlled apparatus for measuring and analysing myoclonic jerk ...

PS Lloyd, PD Slade, JP Hatcher, JJ Hagan - Journal of neuroscience ..., 1996 - Elsevier

... are not isolated in soundproof chambers and, therefore, allow the experimenter to **monitor** behavioural changes ... signal conversion process uses the onprocessor ADC and is activated by the **event** marker created ... This routine collects each byte received into a **command buffer**. ...

[Cited by 2 - Related articles - All 5 versions](#)

Proposed STAR Time of Flight Readout Electronics and DAQ

[arxiv.org](#) [PDF]

J Schambach - Arxiv preprint nucl-ex/0305035, 2003 - arxiv.org

... and transport capacity to deliver the TOF data to the STAR DAQ, within the constraints of hit rates, trigger (event) rates, and ... TEMPERATURE **MONITOR** ... The TMIT takes formatted data from the **data/command buffer**, serializes it and transmits it over a fiber optic link to the DAQ ...

[Cited by 1 - Related articles - View as HTML - All 4 versions](#)

System for selecting command packet and corresponding response packet from ...

DM Grover - US Patent 5,933,602, 1999 - Google Patents

... 3,1999 Sheet 7 of 13 99 101 105 **EVENT** SERVICE ROUTINE IS ... NUMBER FREE BUFFER OF OLDEST PACKET STORE **COMMAND** PACKET IN **COMMAND BUFFER** SAVE **COMMAND** ... Software and/or apparatus exist which monitor a commu- nications channel and capture ...

[Cited by 6 - Related articles - All 2 versions](#)

[PS] Standardizing I/O for Mechatronic Systems (SIOMS) Using Real Time Unix ...

[berkeley.edu](#) [PS]

EJ Nicolson - IEEE International Conference on ..., 1994 - robotics.eecs.berkeley.edu

... High priority kernel thread at rates up to 3 KHz **Command buffer** ... To quantify the capability of the operating system to control multiple axes 4 **events** were timed in the ... In addition limit switches and other binary sensors and effectors are used to **monitor** and control operations. ...

[Cited by 6](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 2 versions](#)

### Video display system

FC Passavant, RR Pease - US Patent 4,075,620, 1978 - Google Patents

... a video generator 17, and a video display unit 18 which includes a display monitor and a ... having its character image data in the start terminal address TERM ADD in **command buffer** 44 dard ...

In either **event** the output is loaded in parallel permits the WRITE signal to pass only if ...

[Cited by 16](#) - [Related articles](#) - [All 2 versions](#)

### COHERENT DATA MOVER

AR Rawson - 2008 - freepatentsonline.com

... mover engine 506 as the data move process executes and in the **event** of an ... Mover engine 606 , consistency monitor 630 , and trace buffer 632 together comprise the coherent data ... Mover engine 606 may include a command program counter 608 and a **command buffer** 610 to ...

### [PDF] A DAQ System for CAMAC Controller CC/NET Using DAQ-Middleware

E Inoue, Y Yasu, K Nakayoshi, H Sendai - daqmw.kek.jp

... On GUI screen, you are able to control DAQ operation and to **monitor** various aspects of ... read-out operation of the CC/NET using the NVList data of a **command buffer** register. ... NET, the CC/NET informs the Reader component accordingly after handling this interrupt **event** in an ...

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[kek.jp \[PDF\]](#)

### Low cost digital printer

EC Hannah - US Patent 5,887,989, 1999 - Google Patents

... and text data signals are intermittently moved into another element of data and **command buffer** 15, such ... a print command by, for example, a user of computer 20 and in any **event** as needed ... stored in computer memory 22 and might be being displayed on video monitor 26, and ...

[Cited by 3](#) - [Related articles](#) - [All 4 versions](#)

### Data processing apparatus having a graphics device with priority scheduling of ...

H Inoue - US Patent 5,253,340, 1993 - Google Patents

... itors the data transferred to the display device from the memory, and controls, in accordance with the **monitor**-ing, the ... STRUCTURE OF SERVER NETWORK FONT FILE FONT 1 INFORMATION OS DISPLAY \r\n KEYBOARD mm MOUSE-4J **EVENT** INFORMATION WRITING ...

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### Computer-controlled tissue-based simulator for training in cardiac surgical ...

PS Ramphal, MP Craven, D Coore - US Patent App. 10/405,809, 2003 - Google Patents

... Command Converter 630 710 Waveforms Display Signals Motor Commands (Parameterized) 750 **Command Buffer** 755 Motor ... Simulator display 430 is preferably a **monitor** or **monitors** similar to the **monitors** used in ... from the VM-H to VM-L to ensure correct context for the **event**. ...

[All 2 versions](#)





## NZ Christchurch - Enhancing Trust - Citeseer

... to be supported by a management regime capable of total recovery in the event of a ... try to open a capture file with a long file name (252 bytes), Net Monitor will crash ... Similarly, the SmallFTP server has been reported to be vulnerable to a command buffer overflow: Date Reported ...

[Related articles - View as HTML](#)

## [PDF] Implementation issues of TRANS-RTXc on the Transputer

[snu.ac.kr \[PDF\]](#)

H Thielemans, E Verhulst - ... and Architectures for Real-Time Control, 1991 - icat.snu.ac.kr

... Page 6. replymegO { request and fill **command buffer** with reply command } It is clear that remote messages are more complicated and time consuming. ... As such the monitor has recorded in a circular buffer the last 256 scheduling events and provides the programmer with ...

[Cited by 2 - Related articles - All 2 versions](#)

## System and method for ensuring write data integrity in a redundant array data ...

A Lui, MS Walker - US Patent 5,379,417, 1995 - Google Patents

... on one or more data storage RAID 3, 4, or 5 system even in the event of a ... in a failure to complete the operation at best, 5 secondary CPU lb can either monitor the host I ... completed, redundancy data stored in the storage units 35 ub> a non.volatile Write **Command Buffer** 150, 156 ...

[Cited by 25 - Related articles - All 4 versions](#)

## Image rendering

PL Doyle, A Sreenivas - US Patent 7,348,986, 2008 - Google Patents

... Otherwise, the slave 20 processes the final **command buffer** 14 in action 74, 55 rendering the final chunk. ... 60 the final image can be accessed by the RAMDAC 68 and displayed on the monitor. ... If the software chooses the slave 20, the same events occur, with the devices 18 and ...

[Related articles - All 4 versions](#)

## Providing an exclusive view of a shared resource

S Chatterjee, J Creighton, A Srivastava - US Patent 7,010,793, 2006 - Google Patents

... For example, when the number of threads used to monitor a particular network connection may ... object invokes the update method of an observer to notify it of the event. ... Shared resource object 310 contains **command buffer** 320, client-store collection 350, and worker threads 390 ...

[Related articles - All 2 versions](#)

## Computers and small satellites: How FORTE is utilizing the WWW as a { ...

D Roussel-Dupre, M Carter, R Franz - ... , Logan, UT (United States), 15-18 ..., 1997 - osti.gov

... balance the various resources of the satellite (power, memory, downlink, on board **command buffer**, etc.) to ... 40 separate experiments each of which can result several hundreds of events and 3 ... W. C. Priedhorsky, et al., 1988, " ALEXIS: An Ultrasoft X-Ray Monitor Experiment Using ...

[Related articles](#)

## Method and apparatus for mirroring data in a remote data storage system

Y Ofek - US Patent App. 10/229,233, 2002 - Google Patents

... A system manager 50 enables an operator to transfer information between the various elements of the system, such as a **command buffer** 51, RLD STATUS block 52 and a TRACK ... 1 operates with an extremely high degree of reliability, even in the event of a natural disaster. ...

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#### [\[PDF\] Project Galileo: Final Mission Status](#)

[nasa.gov](#) [PDF]

DL Bindschader, EE Theilig, KA ... - JPL, NASA, 54th Int. ..., 2003 - trs-new.jpl.nasa.gov  
... None Bit flip in **command buffer**; no action required ... tape sticking incidents (Figure 5), but also manifested high current levels indicative of a tape motor stall event. ... The tape slip monitor was disabled in order to prevent fault protection from prematurely ending the special hardware ...

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#### [Video switching system utilizing a prioritized common network](#)

T Harmon, J Levie, G Morrell, R ... - US Patent App. 11/ ..., 2007 - Google Patents  
... controlling person selects "4" on the controlling device to bring the system into the state shown in figure 1D, with the transmit-ting of the second video feed IOrf and the monitor 136 set ... Newscasts are planned events, with a number of news stories selected and scheduled for time. ...

[All 2 versions](#)

#### [SINGLE LOGICAL IN X WINDOWS WITH DIRECT HARDWARE ACCESS TO THE ...](#)

KT Lefebvre, DB Hoffman, JJ Walls, DJ ... - US Patent App. 09/ ..., 1998 - Google Patents  
... [0002] Just as a human organization that conducts or attends events scheduled on a ... [0022] As before, the monitor 47 displays ... is recognized and established by coop- eration between a Master OGL Daemon 57 and SLS/GLX-S 54 via a GLX Control & Command Buffer 43 (as ...

[Related articles](#) - [All 4 versions](#)

#### [Message transmission among processing units using interrupt control technique](#)

LF Chang, APW Hewett, DM Rouse - US Patent 5,835,779, 1998 - Google Patents  
... The auxiliary **command buffer** stores commands and addresses written by the host processor. ... In accordance with the illustrative embodiment, each processor can monitor the amount of data ... at START 92 either periodically or upon the occurrence of certain events to recheck ...

[Cited by 2](#) - [Related articles](#) - [All 2 versions](#)

#### [Cooperative work in mission operations: Analysis and implications for computer ...](#)

PM Jones - Computer Supported Cooperative Work (CSCW), 1994 - Springer  
... worlds that are often studied by CSCW researchers (eg, Jeffay et al., 1992; Reeves and Shipman, 1992), supervisory control systems are dynamic, event-driven worlds in which human operators are responsible for the health and safety of a system that they monitor and control ...

[Cited by 14](#) - [Related articles](#) - [All 2 versions](#)

#### [Virtualization-based separation of privilege: working with sensitive data in ...](#)

I Burdonov, A Kosachev, P Iakovenko - Proceedings of the 1st ..., 2009 - portal.acm.org  
... Vir- tual machine monitor uses public VM to provide transparent access to Internet for selected

trusted ... pro- cess it creates request message, writes it into the public VM command buffer and injects ... The undesirable event that may happen in the result of the malware activity is the ...

[Related articles](#)

#### [Disk array system with controllers that prefetch and buffer ATA disk drive ...](#)

JA McDonald, JP Herz, MA Altman, WE ... - US Patent App. 10/ ..., 2003 - Google Patents

... an automated circuit for prefetching such disk drive commands so that a next disk drive command will be available within the command buffer when the ... [0031] Another problem with the prior art architecture is that because the microcontroller 56 has to monitor the component I/O ...

[All 2 versions](#)

#### [\[PDF\] USB latency requirements and the effect of video adapter PCI retry condition ...](#)

[psu.edu \[PDF\]](#)

A Martinez, S Vadhva - Citeseer

... of a Intel/PSL USB Monitor. After the analysis was completed, it was found that the ... transaction completion. To maintain event synchronization, PCI does not allow a memory ... In the case of this analysis, the retry condition occurred as a result of a command buffer ...

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#### [Digital audio store and forward satellite communication receiver employing ...](#)

CR Burr, CM Nowell, GW Waters - US Patent App. 09/995,969, 2001 - Google Patents

... When a complete command buffer is received, the interpreter parses the commands and executes them ... several com- mands to be combined into a complex sequence of events, which require ... decoder 240 provides a path from the command processor for monitor and control ...

[All 3 versions](#)

#### [Remote web-based control](#)

NS Raymond Jr - 2001 - freepatentsonline.com

... enough relative to rate at which the local controller is emptying its controller command buffer, the buffer ... Note that even after the event, the experience can be replayed at any time by re ... For example, the ability to remotely monitor and control hardware over a network such as the ...

#### [Computerized risk management program](#)

J Schwartz, E Pasanen - US Patent App. 10/696,296, 2003 - Google Patents

Page 1. US 20040095239A1 (19) United States (12) Patent Application Publication

(io> Pub. NO.: US 2004/0095239 A1 Schwartz et al. (43) Pub. Date: May 20, 2004

(54) COMPUTERIZED RISK MANAGEMENT PROGRAM (76 ...

[All 4 versions](#)

#### [Variable rate scanning control](#)

GE Bell - US Patent 4,748,514, 1988 - Google Patents

... and a worksta- tion, a buffer capacity sensor for continuously monitor- ing the ... the scanner operating as long as possible in the event workstation demand ... START CARRIAGE CARRIAGE INO MOVED ONE LINE SEND INTEGRATE COMMAND BUFFER CAPACITY EQUIVALENT ...

[Cited by 15](#) - [Related articles](#) - [All 2 versions](#)

Coherence of displayed images for split-frame rendering in multi-processor ...

FR Diard, PB Johnson, WD Young, HO ... - US Patent ..., 2009 - freepatentsonline.com  
... portion of a rendering command stream 600 that may be written to each **command buffer** 126  
for ... Provided that the FIH can **monitor** occurrences of flip interrupts on a per-frame basis ... at that  
point, the SS command would cause rendering to pause pending the global ready **event**. ...

Digital audio store and forward satellite communication receiver employing ...

RB Charles Jr, NM Charles Jr, GW Waters - 2003 - freepatentsonline.com  
... When a complete **command buffer** is received, the interpreter parses the commands and executes  
them ... digital audio decoder 240 provides a path from the command processor for **monitor** and  
control ... a determination is made as to whether the mixing operation is for an **event**. ...

Encapsulation of User's Intent: A New Proactive Intrusion Assessment Paradigm

S Upadhyaya, R Chinchani, K Mantha, K Kwiat (book chapter) in Managing ... - Springer  
... These verifiable assertions are generated in advance for each user **event** specified in the  
session-scope file ... The function of the file watch- dog is to **monitor** accesses to secure files on  
the ... The watchdog process receives input from the User Command Buffer and/or from the OS. ...

[Cited by 1](#) - [Related articles](#) - [All 2 versions](#)

Fault tolerant system.

WC Carison, MB Greco, MJ Meadows - 1995 - freepatentsonline.com  
... In the **event** the active unit fails, the standby unit is automatically brought on-line to ... It will be  
appreciated that once a command is received in the active **command buffer** 122, another ... an  
inventory manager 432 and an auto-clean function 434 (to initiate and **monitor** drive cleaning ...  
[All 2 versions](#)

[PDF] A Description of the PANSAT Command Language

[dtic.mil](#) [PDF]

TM Nichols - 1995 - dtic.mil  
... unreliable, is unacceptable. In fact, any human induced catastrophic event would  
probably be considered unacceptable, except arguably for its educational benefit,  
which is one of PANSAT's primary missions. In addition, based ...  
[All 3 versions](#)

Interactive pump system

PW Hollidge - US Patent 5,027,282, 1991 - Google Patents  
... Page 8. US Patent 5,027,282 June 25, 1991 Sheet 7 of 7 APPLICATION TASK CNT. 1307  
11327/\*317 x™ ERVER>—W EVENT VI?? QUEUE TASK FIG.13 Page 9. ... The display means  
can employ a graphics generator, a video mixer, and a **monitor**. ...  
[Cited by 8](#) - [Related articles](#) - [All 6 versions](#)

### Page-mapped multi-line telephone communication system

H Bergen, TR Kelly, EJ Mazeiko Jr, W Smith ... - US Patent 5,046,086, 1991 - Google Patents  
... in the event of a failure, all stations are capable of operator can page through various selectable lines on accessing all remaining outside lines. A failure in a the main or control station until the desired page is "master card" would cause four telephone stations to be displayed. ...

Cited by 3 - Related articles - All 2 versions

### [PDF] Design and Implementation of a Microcomputer-Based User Interface ...

[psu.edu \[PDF\]](#)

CIAIELL lbIEBIACE - Citeseer

... an interrupt: a command sent to the user interface controller from the order wire processor and a keyboard input to the monitor program. ... The order and timing of the events that occur when connecting a new user data transmission to the communication network is shown in figure ...

Related articles - View as HTML

### Remote web-based control

R Sepe - US Patent App. 09/796,678, 2001 - Google Patents

... data. Furthermore, with the aid of an imaging device such as a digital camera, users are able to remotely monitor various other devices over such networks. [0006] FIG. ...  
FIG. 1, monitor devices remotely over the WWW or Internet. ...

Related articles - All 3 versions

### Modular laser gyro

JE Killpatrick, D Berndt - US Patent 6,208,414, 2001 - Google Patents

... Page 17. US Patent Mar. 27,2001 Sheet 16 of 80 US 6,208,414 BI UART OUTPUT COMMAND  
BUFFER Sbits COMMAND TAG A0 BYTE 1 AO BYTE 2 STATUS BYTE 1 STATUS BYTE 2 230  
X -233 -^ -235 -237 -239 -241 -FROM TABLE A Fig. 9 INPUT FRAME. ...

Cited by 3 - Related articles - All 6 versions

### Resource management for virtualization of graphics adapters

DL Green - US Patent App. 11/177,084, 2005 - Google Patents

... 11, 2007 Sheet 1 of 18 US 2007/0008324 A1 102 104 Software Application 106 17 Guest Operating  
System 108 Guest Hardware Architecture (Partition / Virtual Machine) 110 17 Virtualization Program  
(Hypervisor / Virtual Machine Monitor) 112 17 Physical Hardware Architecture ...

All 4 versions

### HMTT: a platform independent full-system memory trace monitoring system

[ncic.ac.cn \[PDF\]](#)

Y Bao, M Chen, Y Ruan, L Liu, J Fan, Q ... - ACM SIGMETRICS ..., 2008 - portal.acm.org

... The DDR Command Buffer Unit (DCBU) captures and buffers DDR commands ... The Statistic Unit is able to do statistic of various memory events in different intervals (1us ... 5.4 Memory Trace Board (MTB) Configuration As mentioned in Section 4.5, the hardware monitor board (MTB ...

Cited by 3 - Related articles - All 2 versions

The X-ray/gamma-ray spectrometer on the Near Earth Asteroid Rendezvous ...

JO Goldsten, RL McNutt, RE Gold, SA Gary, E.... - Space Science .... 1997 - Springer

... Two sunward looking X-ray detectors monitor the incident solar flux, one of which is the first flight of a new, miniature solid-state detector which achieves 600 eV resolution ... New coincidence techniques enable recovery of single and double escape events in the central detector. ...

Cited by 22 - Related articles - BL Direct - All 9 versions

### The Galileo energetic particles detector

harvard.edu [HTML]

DJ Williams, RW McEntire, S Jaskulek, B ... - Space Science Reviews, 1992 - Springer

... The lowest energy discriminator on the output of A can be raised to 27 keV by command in the event of a system noise increase. ... The resulting discriminator outputs are sent to the rate logic electronics, where combinatorial logic is used to define 32 rate channels (event bins). ...

Cited by 53 - Related articles - All 9 versions

### 3D graphics in a single logical screen display using multiple computer systems

K Lefebvre, DB Hoffman, MT Hamilton - US Patent 6,249,294, 2001 - Google Patents

... 19, 2001 Sheet 6 of 15 US 6,249,294 B1 1300- 1302-<sup>A</sup> 1304- 1306- 1308-x, TO MASTER:  
XMoveWindow(A,300,600) MASTER TO SLAVE 312 XMoveWindow(AO,300,600) SLAVE 312  
GENERATES EXPOSE EVENT AND STORES IT IN THE EXPOSE EVENT QUEUE OF ITS ...

Cited by 6 - Related articles - All 2 versions

Method and apparatus for establishing a full-duplex, concurrent, voice/non-voice ...

RJ Kruse, HF Law, SR Wagner - US Patent 5,463,616, 1995 - Google Patents

C. 31, 1995 Sheet 12 of 20 (ENTEP) JT 292 290 LUI LUKKLN I 74ILN I1N1L 294 296 | STATUS FLOW  
CONTROL A CHECK SCHEDJIME 1 A DISPATCH TIME-CRITJASK | r 300 SCHEDULE NEXT  
TIME i r CHECK SCHEDJIME 2 | i DISPATCH MONITOR TASK i 306 SCHEDULE ...

Cited by 26 - Related articles - All 2 versions

[CITATION] The Galileo Spacecraft System Design

MR Landano, CP Jones - Proceedings of the AIAA 21st Aerospace Sciences .... 1983

Cited by 4 - Related articles

### Text rendering with improved command stream operations

JF Burkey - US Patent 7,623,130, 2009 - [freepatentsonline.com](http://freepatentsonline.com)

... A display device 128, such as an LCD screen or CRT (cathode ray tube) monitor, provides a ... a user types a character via the keyboard 124, an indication of that event is provided ... and the texture cache flush command are done for every glyph intersection in the **command buffer**. ...

System and method for processing and tracking the completion of I/O requests in a ...

JA McDonald, JP Herz, MA Altman, WE ... - US Patent ... 2001 - Google Patents

... The microcontroller runs a control program which implements a RAID storage configuration. Because the microcontroller does not process or directly monitor the flow of I/O data (as described below), a low-cost, low-performance microcontroller can advantageously be used ...

[Cited by 9](#) - [Related articles](#) - [All 2 versions](#)

[\[PDF\] Thinc: A remote display architecture for thin-client computing](#)

[psu.edu \[PDF\]](#)

RA Baratto, J Nieh, L Kim - Proc. 20th ACM Symposium on Operating Systems ... - Citeseer  
... As a result, the system becomes unresponsive since neither application requests nor user input events can be serviced. ... The THINC server guarantees correct buffering and low overhead display update management by keeping a per-client **command buffer** based on the ...

[Cited by 16](#) - [Related articles](#) - [View as HTML](#) - [All 13 versions](#)

[STEREO ground segment, science operations, and data archive](#)

[ustc.edu.cn \[PDF\]](#)

J Eichstedt, WT Thompson, OC St Cyr - Space Science Reviews, 2008 - Springer  
... commands for each of the four STEREO instrument suites and **monitor** instrument health ... The Stored **Command Buffer** on the spacecraft can also be flushed of instrument commands ... DSN Schedule (DS), Momentum Dump Predictions (DP), and Instrument **Event** Schedules (IES ...

[Cited by 2](#) - [Related articles](#) - [BL Direct](#) - [All 5 versions](#)

[Open real-time operating system for CNC machine tools](#)

[ubc.ca \[PDF\]](#)

NA Erol - dspace.library.ubc.ca

... 2.4 Reentrant Functions and Algorithms 19 2.5 Background Jobs 22 2.6 **Event** Handlers 23 iv  
Page 6. 2.7 Communication Buffers ... 5.4 Motion Controller 68 5.5 Asynchronous Command Manager 70 5.6 CNC **Monitor** 72 5.7 Conclusion ... 73 Chapter 6 Summary and Conclusions ...

[Cited by 2](#) - [Related articles](#) - [All 2 versions](#)

[Method and apparatus for fractional double buffering](#)

TG Bishop, JD Austin - US Patent 4,910,683, 1990 - Google Patents

... With single buffering the the event that the user does not provide any new x,y ... These signals are appropriately transmitted to the **command buffer** 15 which is coupled to the graphics ... Because the computers and the **monitor** systems which may be used in practicing the instant ...

[Cited by 12](#) - [Related articles](#) - [All 2 versions](#)

[Method for communicating with a processor event facility](#)

MN Day, CR Johns, JS Liberty, TE ... - US Patent ..., 2009 - freepatentsonline.com

... 6363438, Method of controlling DMA **command buffer** for holding sequence of DMA commands with head and tail pointers, March, 2002, Williams ... 6496925, Method and apparatus for processing an event occurrence within a multithreaded processor, December, 2002, Rodgers et ...

[\[PDF\] A Mobile Phone GUIDE: a GUI Decoder and Enricher](#)

[mit.edu \[PDF\]](#)

EZ Yan - 2007 - dspace.mit.edu

... The key question is how to extract the lower-level state in which to **monitor** these patterns. The first option is maintaining a log of the lowest-level activities (eg key presses and raw events).

The problem with this method is that most cell phones do not have ...

[Related articles](#)



## Graphics systems and methods

D Pinedo, J Marks, G Salazar - US Patent 7,589,731, 2009 - Google Patents

... US 7,589,731 B2 workstation 106 can send keyboard and mouse events to the sender ... and further displays the results using an attached display device, such as a monitor. ... The command buffer 117 may also include other information, such as data corresponding to graphics ...

[All 4 versions](#)

[\[PDF\] Real-time reactive control layer design for intelligent silver-mate robot on ...](#)

[linuxdevices.com \[PDF\]](#)

HS Lee, SW Choi, BK Kim - Proc. of the 7th Real-Time Linux ..., 2005 - linuxdevices.com

... A data structure for **command buffer**, a serial callback function, and a packet-parsing RT task are used. ... To detect such **event** and re-initialize MBase Actuator module, a watchdog RT task is used to **monitor** periodic ex- change of serial packets. 3.3 Behavior Modules ...

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